

**Listing of Claims:**

1. (canceled)
47. (new) An isolated polypeptide, wherein the polypeptide is encoded by a polynucleotide comprising the polymorphic nucleotide sequence of SEQ ID NO: 400.
48. (new) An isolated polypeptide less than 50 amino acids in length comprising the amino acid sequence EVAPEASTSSASQVIA.
49. (new) An isolated polypeptide consisting of the amino acid sequence EVAPEASTSSASQVIA.
50. (new) An isolated polymorphic polynucleotide comprising a nucleic acid sequence selected from the group consisting of sequences SEQ ID NOS:1-1468, or its complement, wherein said nucleic acid sequence includes a nucleotide selected from the group consisting of the nucleotide recited in Table 1, column 5 and the nucleotide recited in Table 1, column 6, for said nucleic acid sequence, or the complement includes a nucleotide complementary to the nucleotide recited in Table 1, column 5, or the nucleotide recited in Table 1, column 6, for said nucleic acid sequence.
51. (new) An isolated polypeptide comprising a polymorphic site at one or more amino acid residues, wherein the polypeptide is encoded by a nucleic acid sequence selected from the group consisting of sequences SEQ ID NOS:1-1468, or its complement, wherein said nucleic acid sequence includes a nucleotide selected from the group consisting of the nucleotide recited in Table 1, column 5 and the nucleotide recited in Table 1, column 6 for said nucleic acid sequence, or the complement includes a nucleotide complementary to the nucleotide recited in Table 1, column 5, or the nucleotide recited in Table 1, column 6 for said nucleic acid sequence.